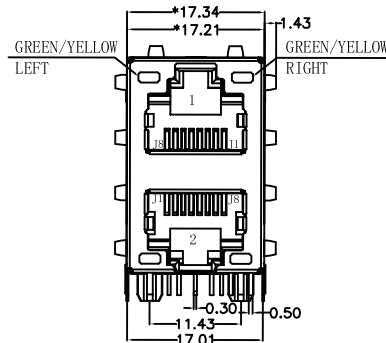
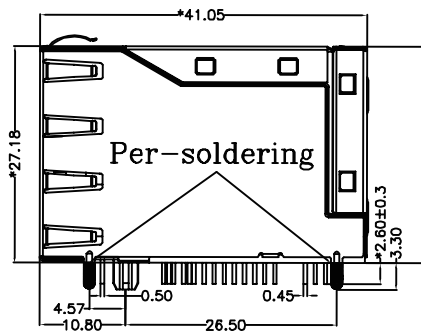


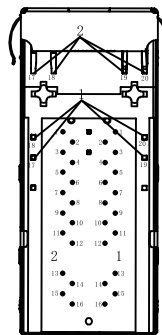
TOP VIEW



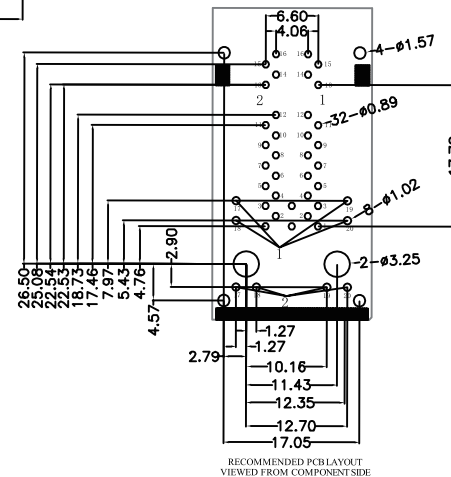
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



MATERIAL:

HOUSING: PA66,UL94V-0,BLACK.
TERMINALS BRACKET: PA66,UL94V-0,BLACK.
SHIELD: Brass,NICKEL 50 MICRO-INCHS MIN.
TERMINAL: PHOSPHOR BRONZE C5191,T=0.35MM,
30U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

DURABILITY: 750 CYCLES MIN.
MATING FORCE: 23N MAX.
OPERATING TEMPERATURE: 0°C~+85°C.
STORAGE TEMPERATURE: -40°C~+85°C.
ALL CRITICAL DIMENSIONS WITH "*"

VOOHU 苏州沃虎电子科技有限公司
Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:
RJ45 2X1 10G POE+

PART NO.:
SYT21Q271DG1A2DPB1057

REMARK:

SIZE
A4

SACLE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0

GENERAL TOLERANCES
UNLESS SPECIFIED

	$x \pm 0.35$
	$.x \pm 0.30$
	$.xx \pm 0.25$
	$.xxx \pm 0.10$

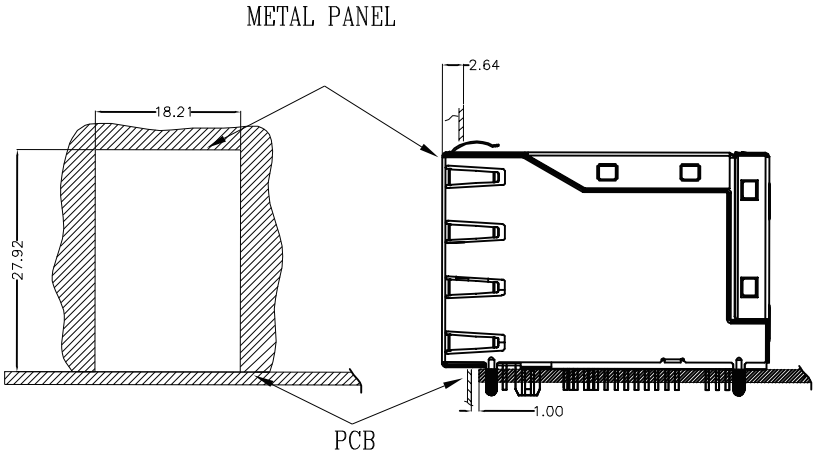
APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis Song

DESIGND BY:	Sunny.Xu
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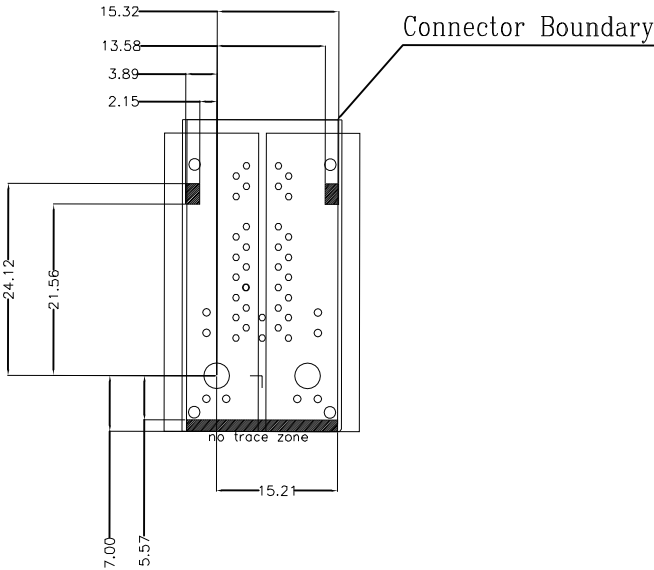
1	2	3	4	5	6	7	8		
REACH & RoHS COMPLIANT						REV.	ECN / DESCRIPTION	BY	DATE
						A0	NEW	Sunny.Xu	2018.06.05

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ±0.10 / 0.004

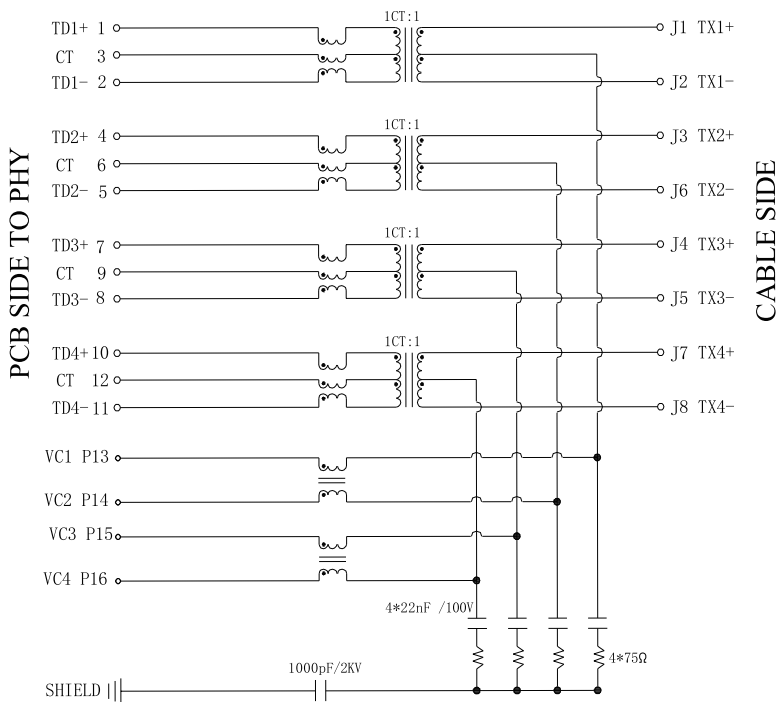
Keep-Out Area (Component Side View):



Plug In Side

UNIT: mm / inch
Tolerances: ±0.10 / 0.004

VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd		TITLE: RJ45 2X1 10G POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
		PART NO.: SYT21Q271DG1A2DPB1057	SACLE 1:1	REV A0	.x±0.35	x°±3.0°	CHECKED BY:
TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM		REMARK:	SHEET 2/4		.xx±0.25	.xx°±1.5°	DESIGND BY: Sunny.Xu
					.xxx±0.10	.xxx°±1.0°	

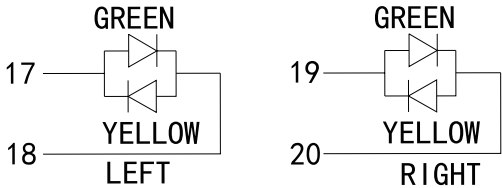


Electrical:

- Turn ratio: 1~2: J1~J2=1CT:1CT(±2%).
4~5: J3~J6=1CT:1CT(±2%).
7~8: J4~J5=1CT:1CT(±2%).
10~11: J7~J8=1CT:1CT(±2%).
- OCL: 160uH Min@100KHz.
- Insertion Loss: -3.0 dB Max 100KHz.
-2.0 dB Max(-1.4dB TYP) 1~400MHz.
- Return loss: -22dB Min 1~100MHz;
-22+20.75*LOG(f/100)dB 100~500MHz.
- Cross talk: -28dB Min 1~100MHz;
-19dB Min 100~500MHz;
- CMR: -30dB Min 1~40MHz;
-28dB Min 40~100MHz;
-26dB Min 100~500MHz;
- CDMR: -30dB Min 1~250MHz;
-22dB Min 250~500MHz;
- Hi-Pot.: 2250 VDC MIN @ 60 Seconds
- Single port magnetic jack POE magnetics acc.
To IEEE802.3at for PSE or PD applications.
- 100% of production tested to comply with
IEEE 802.3 isolation requirements balanced DC
line current 900mA max. @57V DC continuous.

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	565nm	20mA	2.2-2.4V
Yellow	590nm	20mA	2.1-2.5V



1

2

3

4

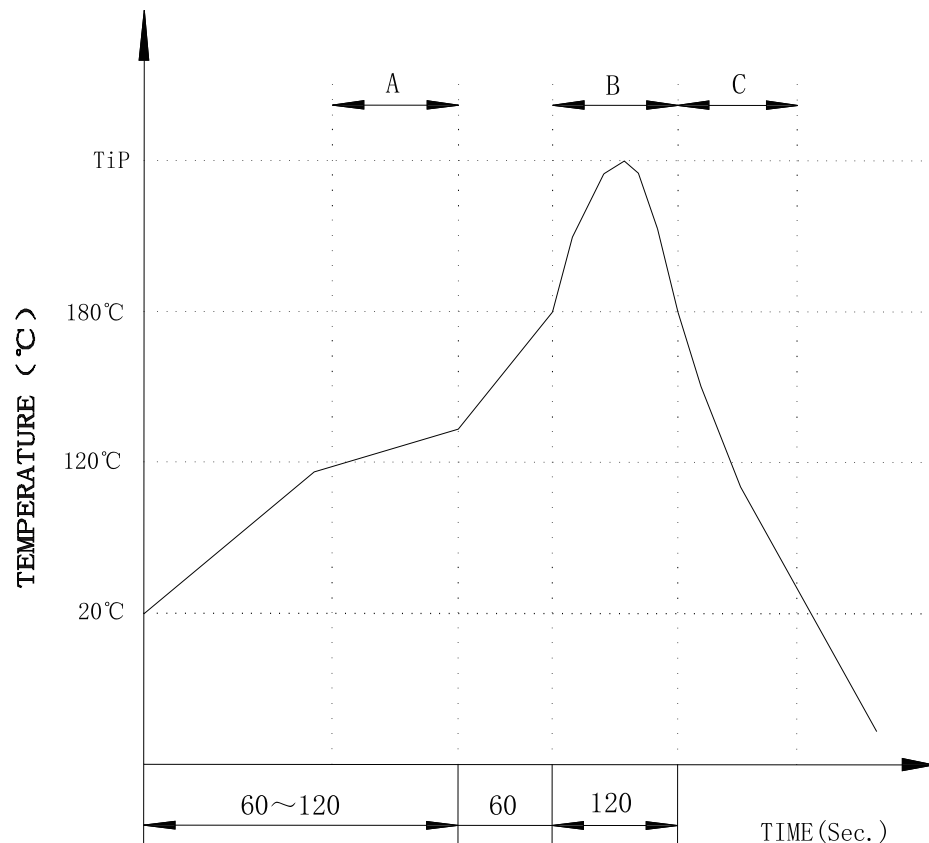
5

6

7

8

PROFILE OF WAVE SOLDER



A.Preheating B.Soldering C.Gradual Cooling
Tip temperature:260±5°C.
Tip temperature time:5Sec Max.
Tip melting point of Sn96.5/Ag3/Cu0.5:217°C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.